

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
 Data File : BN013292.D
 Acq On : 23 Dec 2020 03:51
 Operator : CG/JU
 Sample : L5124-03DL 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20201211DL

Quant Time: Dec 23 04:28:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 10:46:43 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

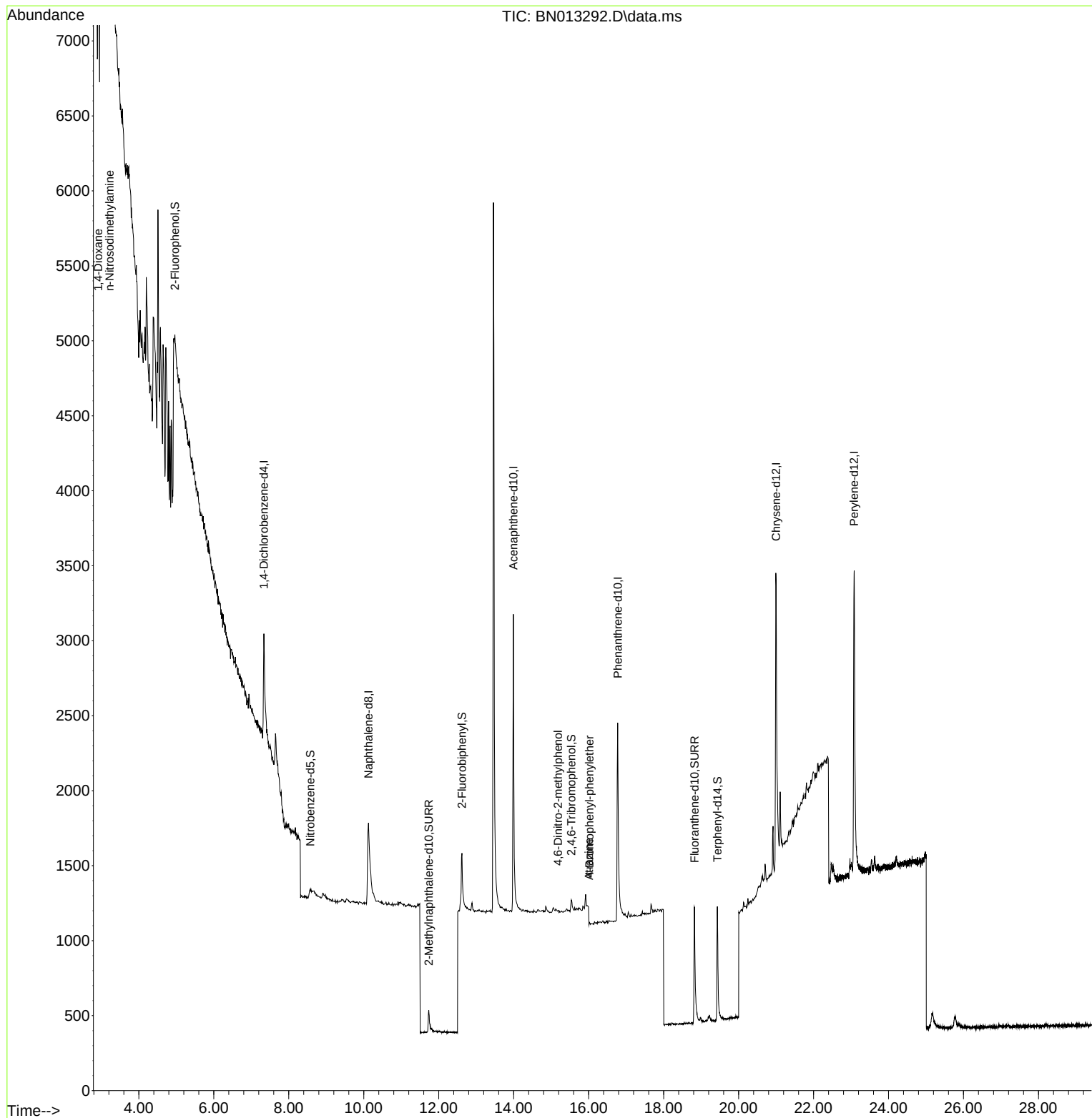
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	707	0.40	ng	0.00
7) Naphthalene-d8	10.125	136	1899	0.40	ng	# 0.03
13) Acenaphthene-d10	13.991	164	1383	0.40	ng	0.00
19) Phenanthrene-d10	16.775	188	3218	0.40	ng	# 0.01
29) Chrysene-d12	21.003	240	3208	0.40	ng	# 0.00
36) Perylene-d12	23.083	264	3496	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	157	0.05	ng	0.00
5) Phenol-d6	6.597	99	19	0.01	ng	0.06
8) Nitrobenzene-d5	8.579	82	189	0.10	ng	0.08
11) 2-Methylnaphthalene-d10	11.733	152	349	0.10	ng	0.03
14) 2,4,6-Tribromophenol	15.539	330	105	0.12	ng	0.01
15) 2-Fluorobiphenyl	12.621	172	572	0.10	ng	0.01
27) Fluoranthene-d10	18.823	212	1567	0.15	ng	0.00
31) Terphenyl-d14	19.434	244	1309	0.16	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.917	88	4149	3.37	ng	# 91
3) n-Nitrosodimethylamine	3.223	42	148	0.07	ng	# 12
20) 4,6-Dinitro-2-methylph...	15.184	198	3	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.021	248	201	0.32	ng	# 78
23) Atrazine	16.008	200	203	0.11	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.918	149	286	Below	Cal	# 98

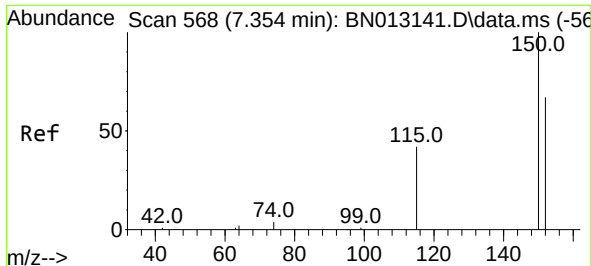
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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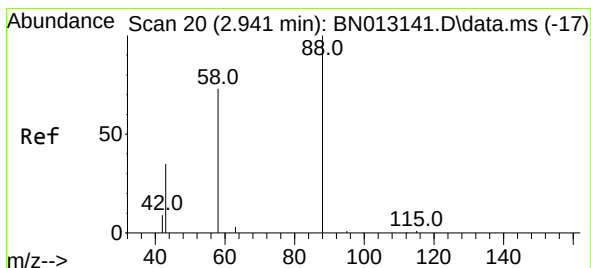
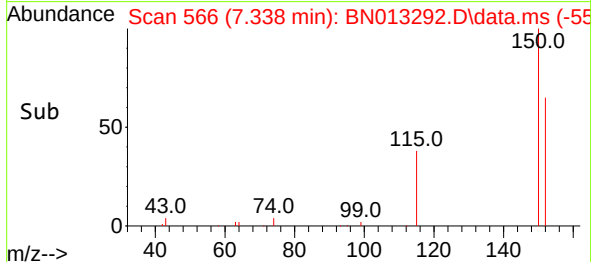
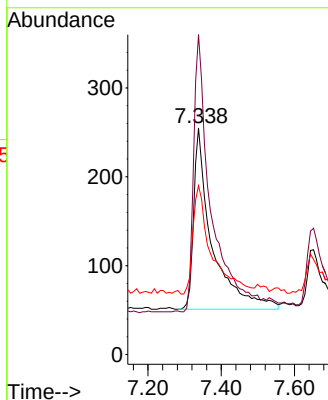
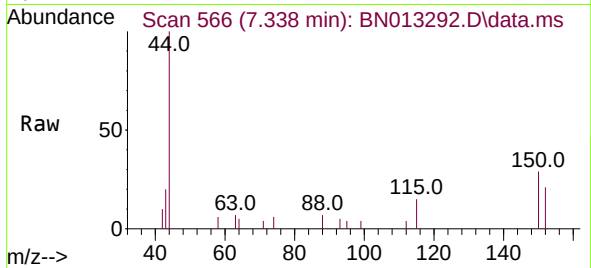




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.338 min Scan# 566
 Delta R.T. 0.008 min
 Lab File: BN013292.D
 Acq: 23 Dec 2020 03:51

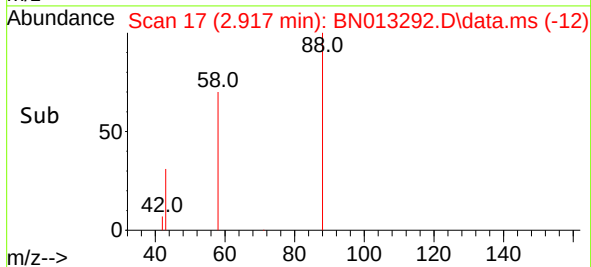
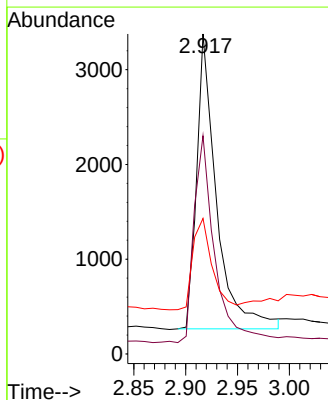
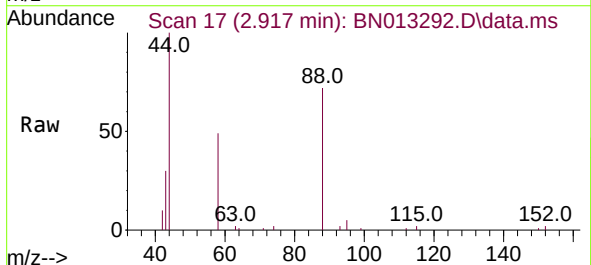
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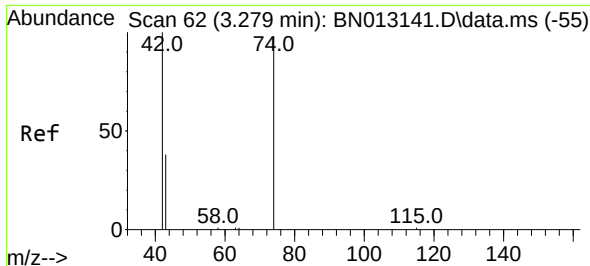
Tgt Ion:152 Resp: 707
 Ion Ratio Lower Upper
 152 100
 150 141.2 116.6 174.8
 115 74.5 52.9 79.3



#2
 1,4-Dioxane
 Concen: 3.37 ng
 RT: 2.917 min Scan# 17
 Delta R.T. -0.008 min
 Lab File: BN013292.D
 Acq: 23 Dec 2020 03:51

Tgt Ion: 88 Resp: 4149
 Ion Ratio Lower Upper
 88 100
 58 78.5 59.4 89.2
 43 30.0 32.3 48.5#

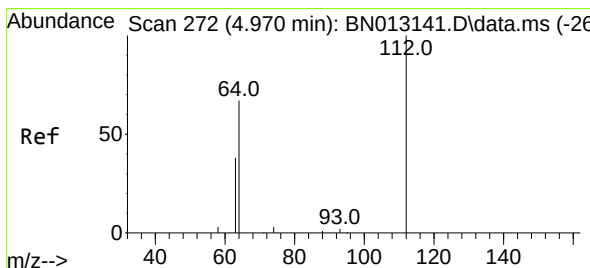
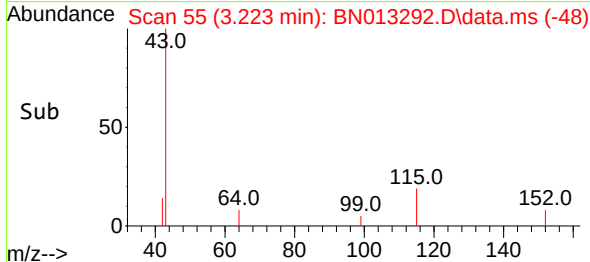
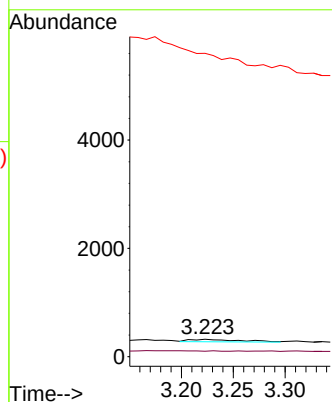
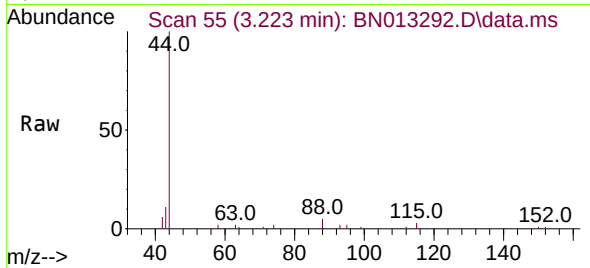




#3
n-Nitrosodimethylamine
Concen: 0.07 ng
RT: 3.223 min Scan# 55
Delta R.T. -0.040 min
Lab File: BN013292.D
Acq: 23 Dec 2020 03:51

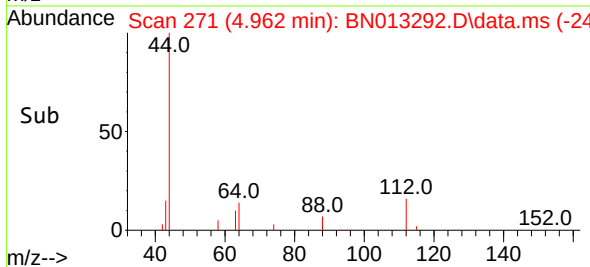
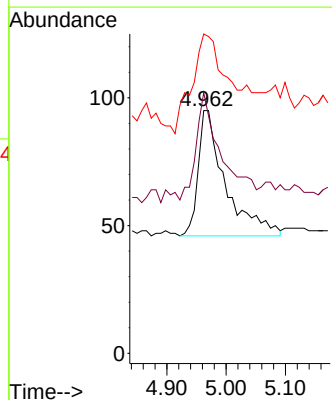
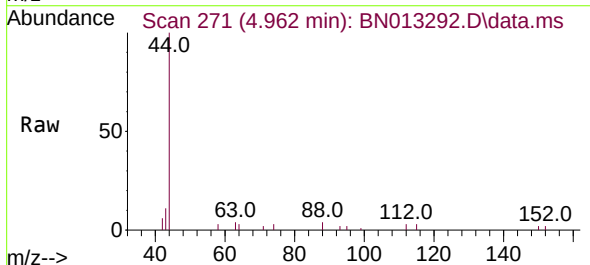
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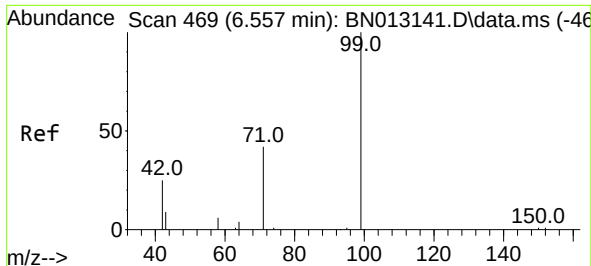
Tgt Ion: 42 Resp: 148
Ion Ratio Lower Upper
42 100
74 0.0 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.05 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013292.D
Acq: 23 Dec 2020 03:51

Tgt Ion: 112 Resp: 157
Ion Ratio Lower Upper
112 100
64 78.3 49.5 74.3#
63 101.9 32.0 48.0#

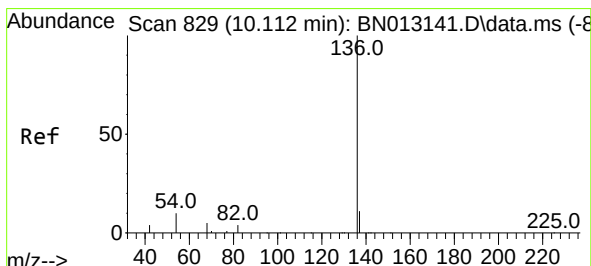
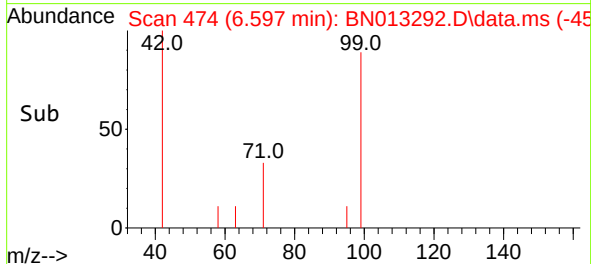
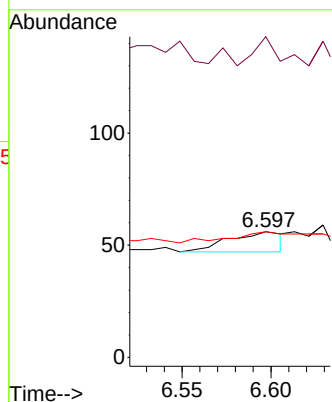
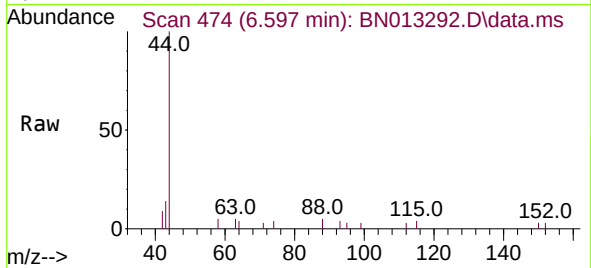




#5
Phenol-d6
Concen: 0.01 ng
RT: 6.597 min Scan# 474
Delta R.T. 0.056 min
Lab File: BN013292.D
Acq: 23 Dec 2020 03:51

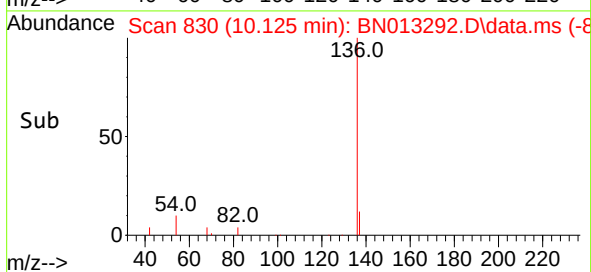
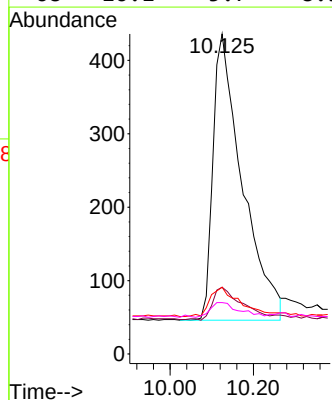
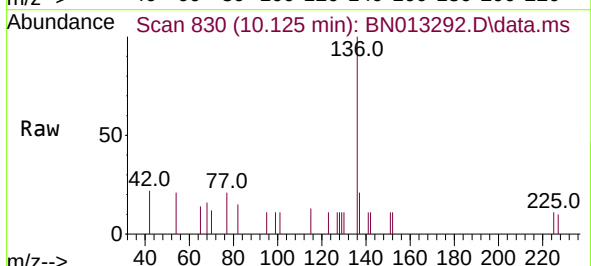
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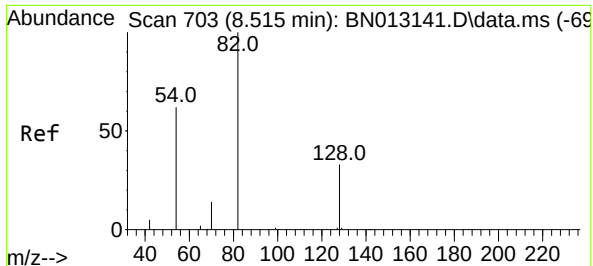
Tgt Ion: 99 Resp: 19
Ion Ratio Lower Upper
99 100
42 63.2 22.4 33.6#
71 73.7 37.8 56.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.025 min
Lab File: BN013292.D
Acq: 23 Dec 2020 03:51

Tgt Ion: 136 Resp: 1899
Ion Ratio Lower Upper
136 100
137 20.9 10.6 15.8#
54 20.9 8.6 12.8#
68 16.1 5.7 8.5#

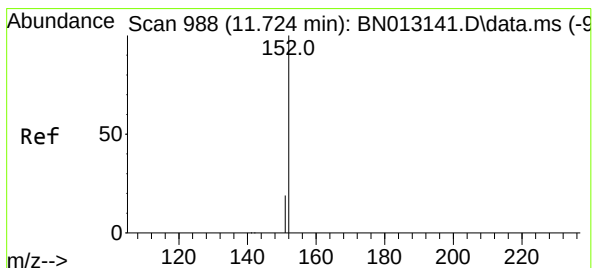
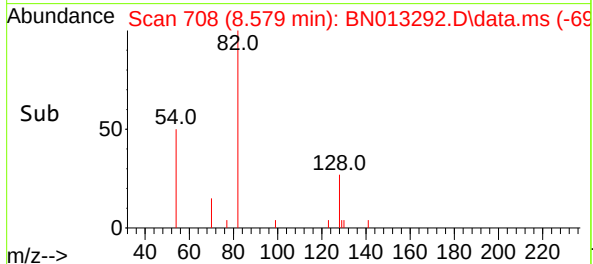
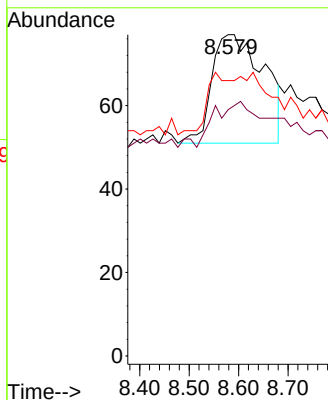
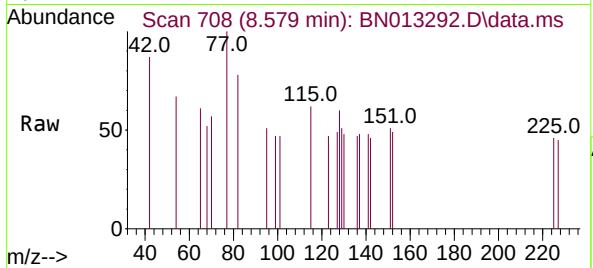




#8
Nitrobenzene-d5
Concen: 0.10 ng
RT: 8.579 min Scan# 708
Delta R.T. 0.076 min
Lab File: BN013292.D
Acq: 23 Dec 2020 03:51

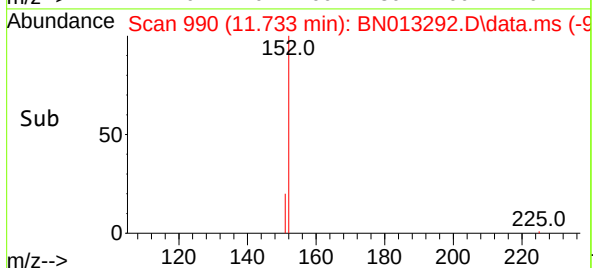
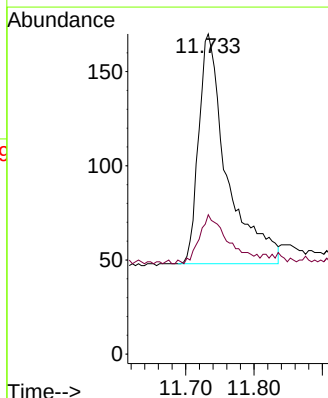
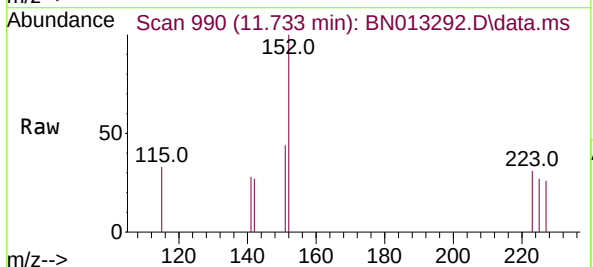
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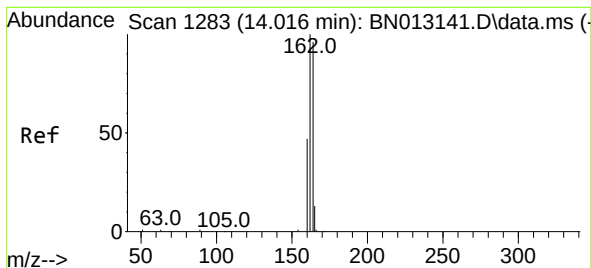
Tgt Ion: 82 Resp: 189
Ion Ratio Lower Upper
82 100
128 76.6 30.6 46.0#
54 85.7 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.10 ng
RT: 11.733 min Scan# 990
Delta R.T. 0.027 min
Lab File: BN013292.D
Acq: 23 Dec 2020 03:51

Tgt Ion: 152 Resp: 349
Ion Ratio Lower Upper
152 100
151 21.8 16.7 25.1

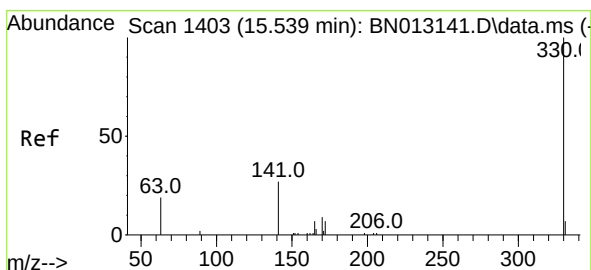
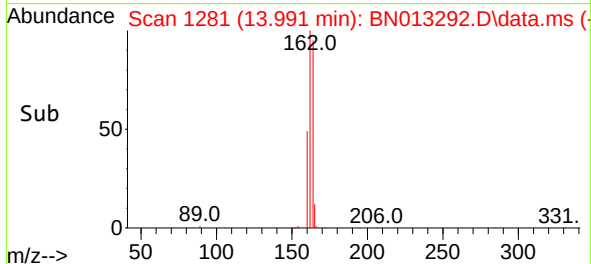
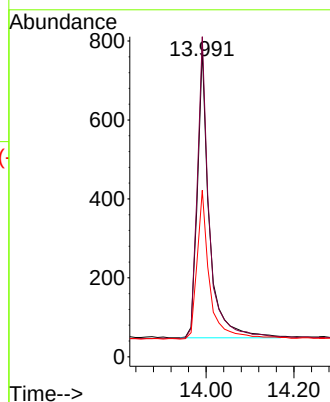
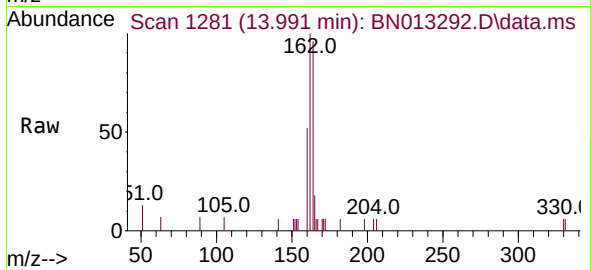




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BN013292.D
Acq: 23 Dec 2020 03:51

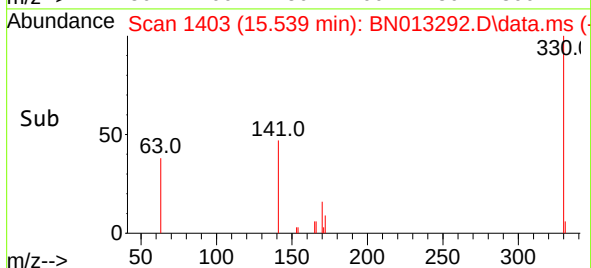
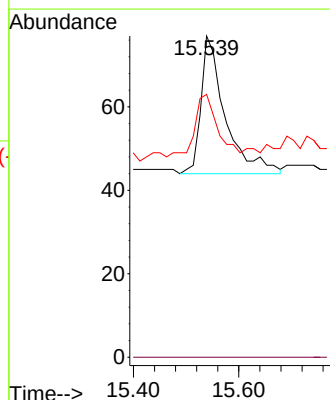
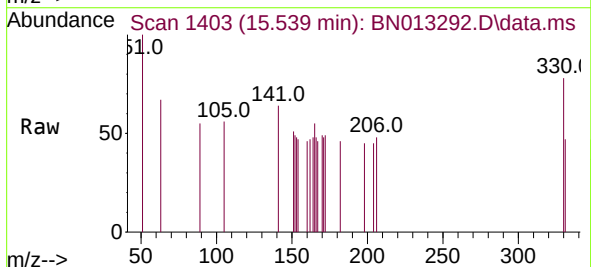
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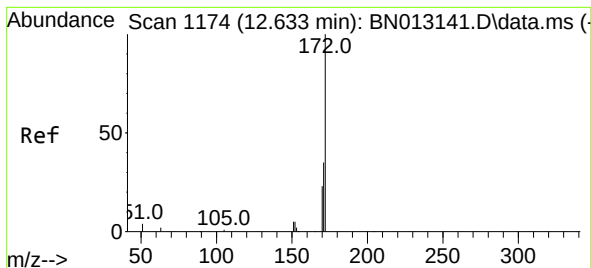
Tgt Ion:164 Resp: 1383
Ion Ratio Lower Upper
164 100
162 104.1 80.6 120.8
160 54.2 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.12 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.013 min
Lab File: BN013292.D
Acq: 23 Dec 2020 03:51

Tgt Ion:330 Resp: 105
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.8 34.4 51.6

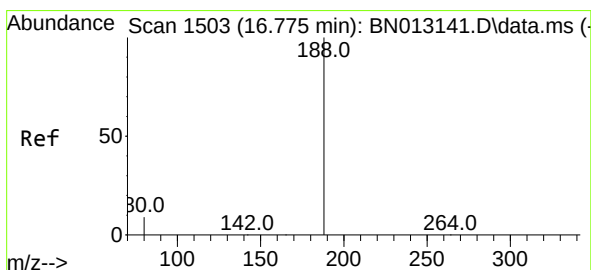
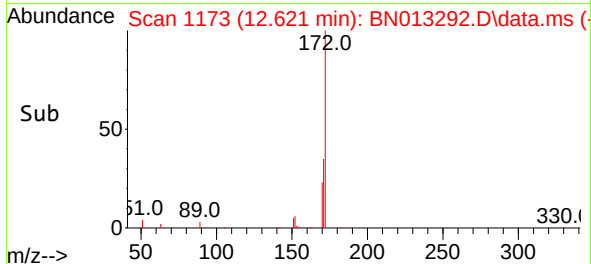
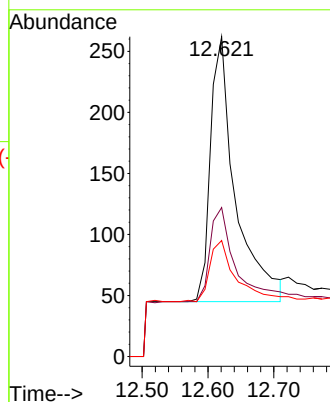
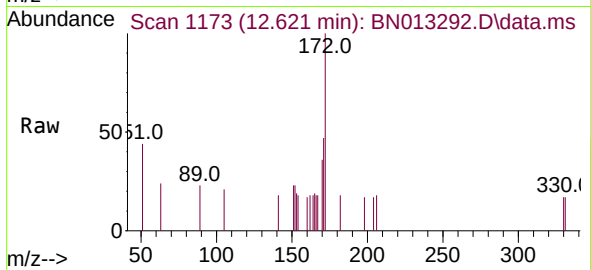




#15
2-Fluorobiphenyl
Concen: 0.10 ng
RT: 12.621 min Scan# 1173
Delta R.T. 0.013 min
Lab File: BN013292.D
Acq: 23 Dec 2020 03:51

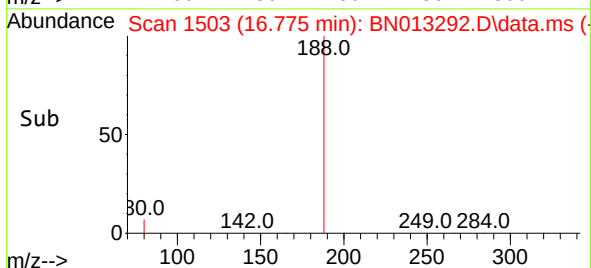
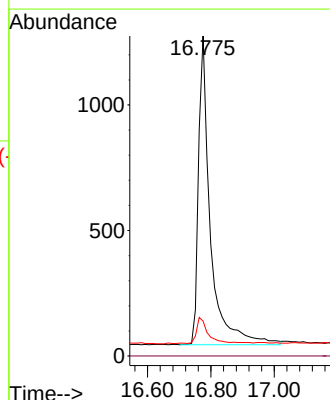
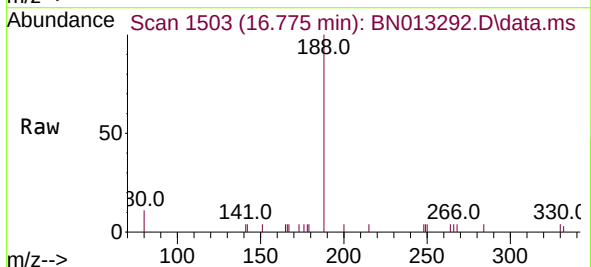
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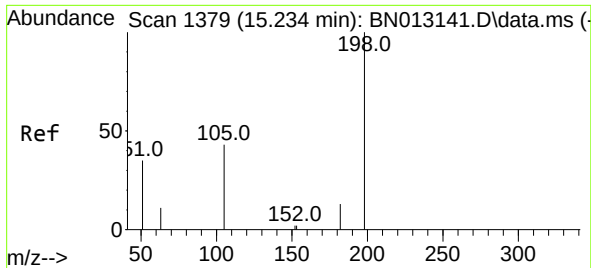
Tgt Ion:172 Resp: 572
Ion Ratio Lower Upper
172 100
171 46.6 28.2 42.4#
170 36.3 20.0 30.0#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BN013292.D
Acq: 23 Dec 2020 03:51

Tgt Ion:188 Resp: 3218
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.9 5.0 7.4#

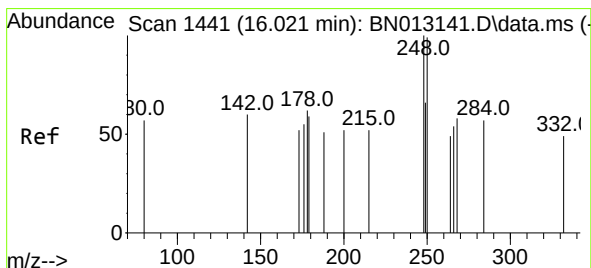
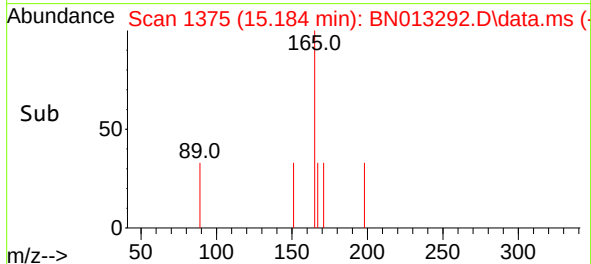
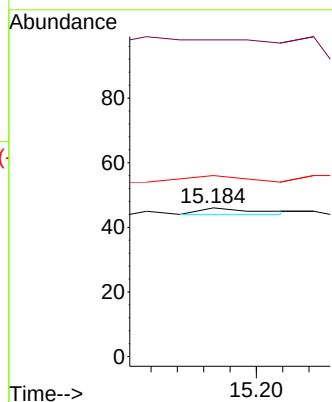
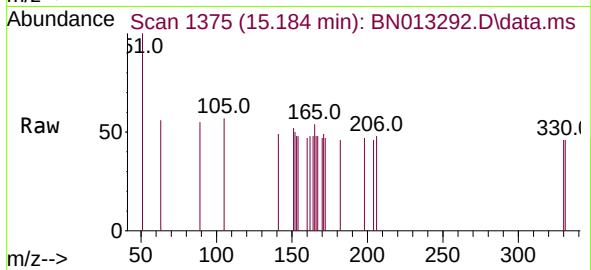




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.184 min Scan# 1375
Delta R.T. -0.038 min
Lab File: BN013292.D
Acq: 23 Dec 2020 03:51

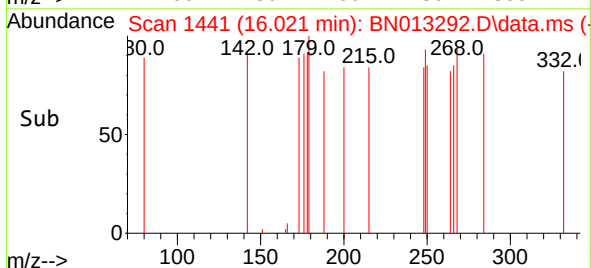
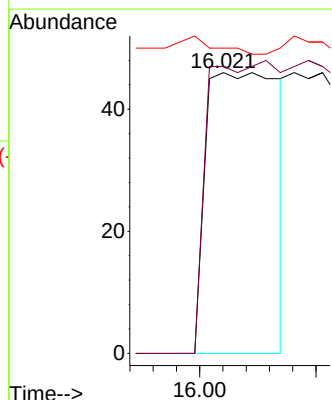
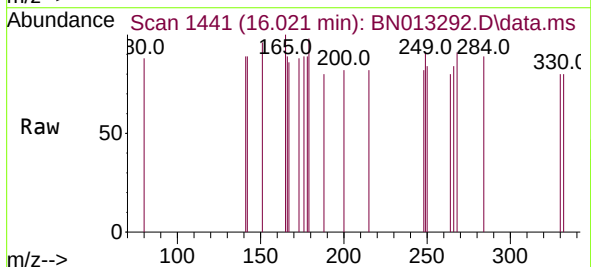
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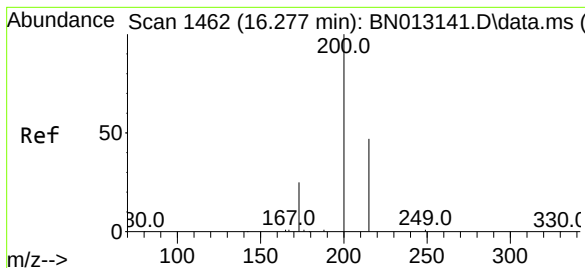
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 213.0 43.5 65.3#
105 121.7 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.32 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BN013292.D
Acq: 23 Dec 2020 03:51

Tgt Ion:248 Resp: 201
Ion Ratio Lower Upper
248 100
250 102.2 77.3 115.9
141 108.7 57.8 86.8#





#23

Atrazine

Concen: 0.11 ng

RT: 16.008 min Scan# 1440

Delta R.T. -0.256 min

Lab File: BN013292.D

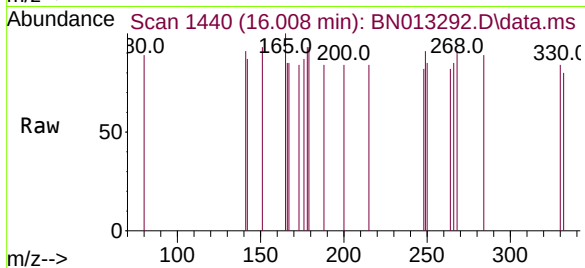
Acq: 23 Dec 2020 03:51

Instrument :

BNA_N

ClientSampleId :

RE131D2-20201211DL



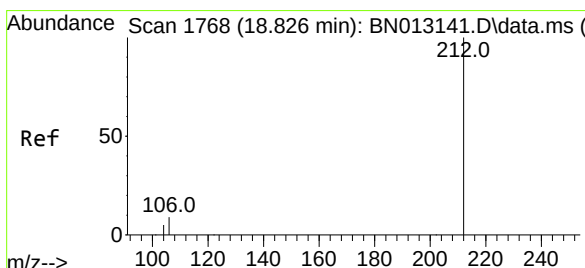
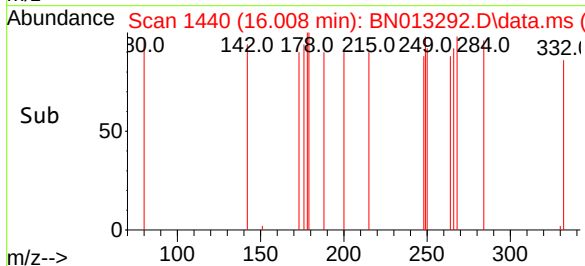
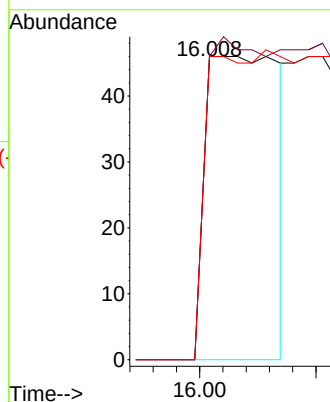
Tgt Ion:200 Resp: 203

Ion Ratio Lower Upper

200 100

173 100.0 22.8 34.2#

215 100.0 38.1 57.1#



#27

Fluoranthene-d10

Concen: 0.15 ng

RT: 18.823 min Scan# 1769

Delta R.T. 0.007 min

Lab File: BN013292.D

Acq: 23 Dec 2020 03:51

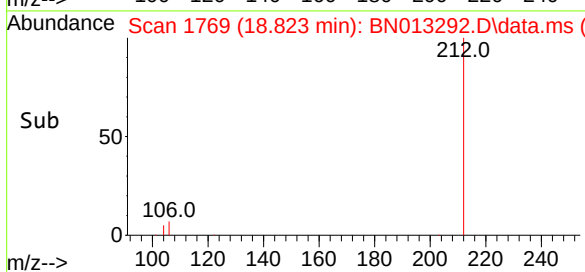
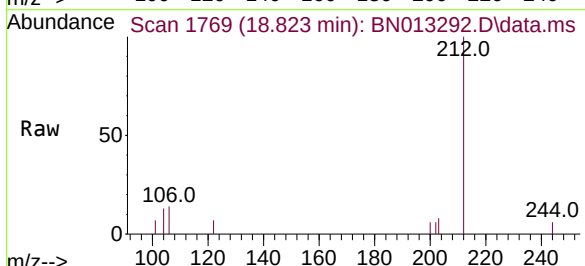
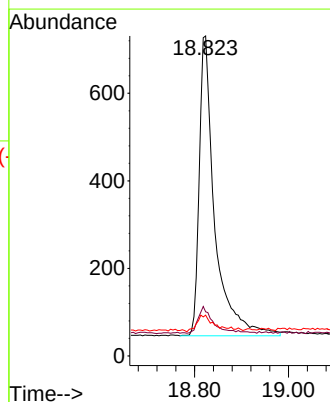
Tgt Ion:212 Resp: 1567

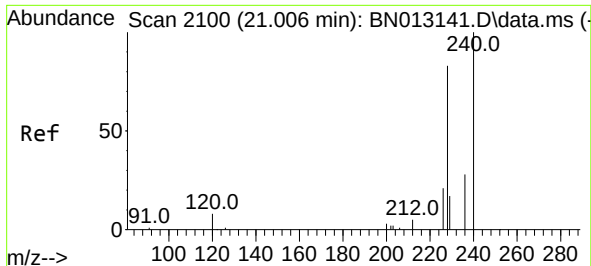
Ion Ratio Lower Upper

212 100

106 8.6 6.8 10.2

104 6.6 4.1 6.1#

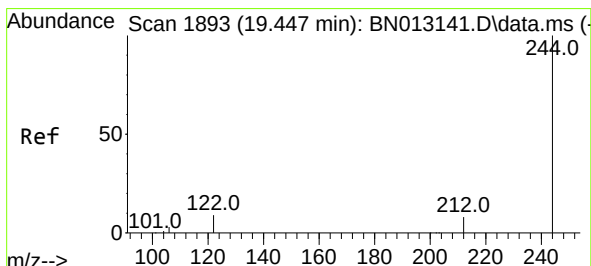
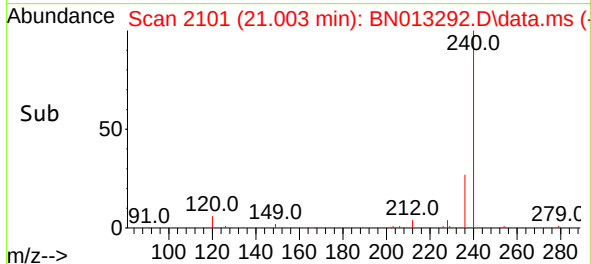
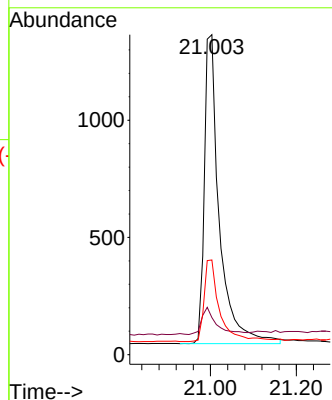
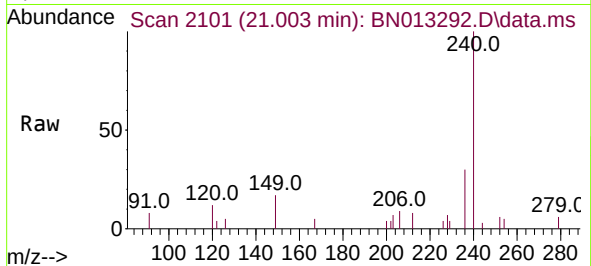




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.003 min Scan# 2101
Delta R.T. 0.008 min
Lab File: BN013292.D
Acq: 23 Dec 2020 03:51

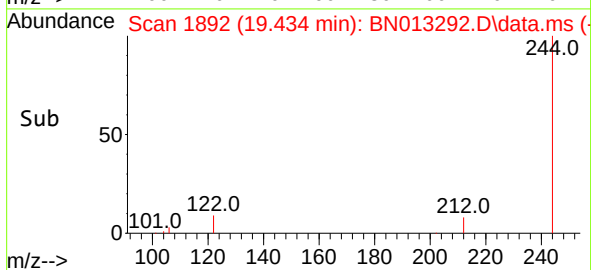
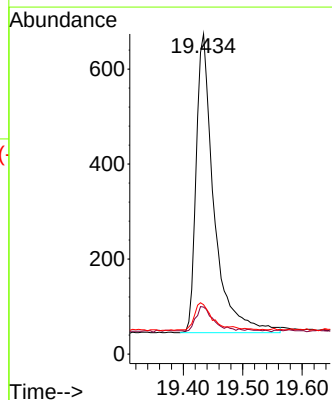
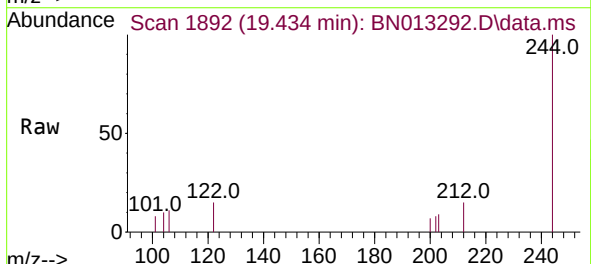
Instrument :
BNA_N
ClientSampleId :
RE131D2-20201211DL

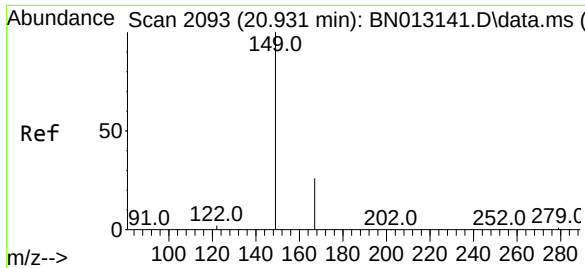
Tgt Ion:240 Resp: 3208
Ion Ratio Lower Upper
240 100
120 11.6 5.3 7.9#
236 29.6 21.8 32.8



#31
Terphenyl-d14
Concen: 0.16 ng
RT: 19.434 min Scan# 1892
Delta R.T. 0.002 min
Lab File: BN013292.D
Acq: 23 Dec 2020 03:51

Tgt Ion:244 Resp: 1309
Ion Ratio Lower Upper
244 100
212 14.7 7.3 10.9#
122 15.4 7.3 10.9#

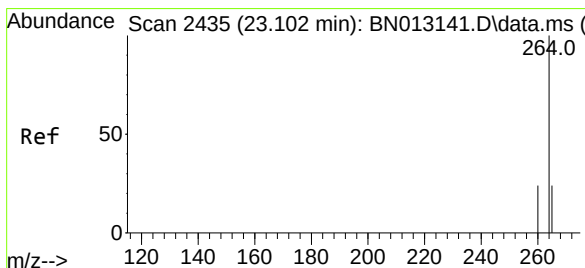
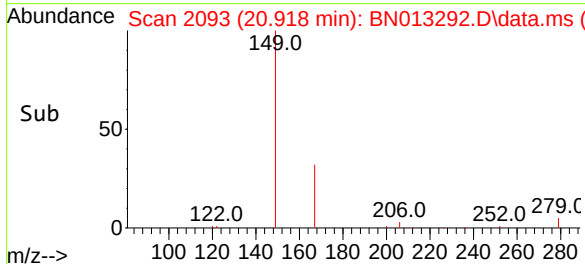
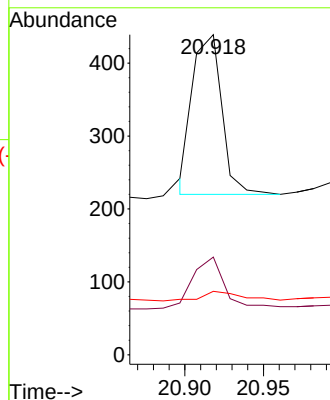
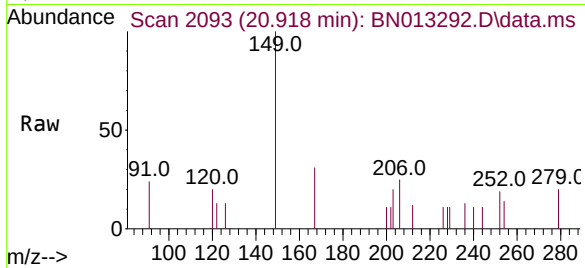




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.918 min Scan# 2093
Delta R.T. -0.003 min
Lab File: BN013292.D
Acq: 23 Dec 2020 03:51

Instrument :
BNA_N
ClientSampleId :
RE131D2-20201211DL

Tgt Ion:	149	Resp:	286
Ion Ratio	Lower	Upper	
149	100		
167	29.7	23.2	34.8
279	5.9	3.9	5.9#



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.083 min Scan# 2431
Delta R.T. -0.003 min
Lab File: BN013292.D
Acq: 23 Dec 2020 03:51

Tgt Ion:	264	Resp:	3496
Ion Ratio	Lower	Upper	
264	100		
260	27.7	19.8	29.6
265	77.1	51.4	77.0#

